What is claimed is:

1. A gastight-sealed alkaline nickel/metal hydride button cell storage battery comprising positive and negative electrodes arranged in a button cell case and separated by a separator, wherein both electrodes have a support and conductor framework, which includes a porous metal foam or metal felt, and wherein the positive electrode, on a side bearing against the cell case, has a metallic region which is free of active material.

2. The gastight-sealed nickel/metal hydride storage battery as claimed in Claim 1, wherein the region which is free of active material extends over about 5 to about 15%, of the total thickness of the positive electrode.

3. The gastight-sealed nickel/metal hydride storage battery as claimed in Claim 1, wherein the region which is free of active material extends over about 10%, of the total thickness of the positive electrode.

4. The gastight-sealed nickel/metal hydride storage battery as claimed in Claim 1, wherein at least one of the positive and negative electrodes has a central cut-out, the volume of which is about 5 to about 20% of the volume of the positive and negative electrode, respectively.

5. The gastight-sealed nickel/metal hydride storage battery as claimed in Claim 1, wherein at least one of the positive and negative electrodes has a central cut-out, the volume of which is about 10% of the volume of the positive and negative electrode, respectively.

6. The gastight-sealed nickel/metal hydride storage battery as claimed in Claim 1, wherein both of the positive and negative electrodes have a central cut-out, the volume of the central cut-out being sized to accommodate an amount of electrolyte to impregnate both of the positive and negative electrodes.

7. The gastight-sealed nickel/metal hydride storage battery as claimed in Claim 1, wherein the negative electrode has recesses on a side facing the cell cover.

8. The gastight-sealed nickel/metal hydride storage battery as claimed in Claim 7, wherein the recesses have a depth of about 5 to about 15% of the thickness of the negative electrode.

9. The gastight-sealed nickel/metal hydride storage battery as claimed in Claim 7, wherein the recesses have a depth of about 10% of the thickness of the negative electrode.

10. The gastight-sealed nickel/metal hydride storage battery as claimed in Claim 7, wherein the recesses are formed in a star or spoke arrangement.

11. The gastight-sealed nickel/metal hydride storage battery as claimed in Claim 1, wherein a substantially flat spring, which has a multiplicity of substantially flat spring tongues bent out of the base material, is located between the negative electrode and the cell cover.

12. The gastight-sealed nickel/metal hydride storage battery as claimed in Claim 11, further comprising ribs extending outwardly from the spring in a direction opposite the tongues.